Julio Isidro-SÃ¡nchez

List of Publications by Year
in descending order

24 papers	1,171 citations	687363 13 h-index	642732 23 g-index
28 all docs	28 docs citations	28 times ranked	1341 citing authors

#	Article	IF	Citations
1	Training set optimization under population structure in genomic selection. Theoretical and Applied Genetics, 2015, 128, 145-158.	3.6	284
2	Genetic changes in durum wheat yield components and associated traits in Italian and Spanish varieties during the 20th century. Euphytica, 2007, 155, 259-270.	1.2	142
3	Optimization of genomic selection training populations with a genetic algorithm. Genetics Selection Evolution, 2015, 47, 38.	3.0	123
4	Multi-objective optimized genomic breeding strategies for sustainable food improvement. Heredity, 2019, 122, 672-683.	2.6	77
5	Changes in duration of developmental phases of durum wheat caused by breeding in Spain and Italy during the 20th century and its impact on yield. Annals of Botany, 2011, 107, 1355-1366.	2.9	72
6	Design of training populations for selective phenotyping in genomic prediction. Scientific Reports, 2019, 9, 1446.	3.3	70
7	Breeding Effects on Grain Filling, Biomass Partitioning, and Remobilization in Mediterranean Durum Wheat. Agronomy Journal, 2008, 100, 361-370.	1.8	69
8	Efficient Breeding by Genomic Mating. Frontiers in Genetics, 2016, 7, 210.	2.3	68
9	Old and modern durum wheat varieties from Italy and Spain differ in main spike components. Field Crops Research, 2008, 106, 86-93.	5.1	51
10	Quantitative genetic analysis and mapping of leaf angle in durum wheat. Planta, 2012, 236, 1713-1723.	3.2	32
11	Training Set Optimization for Sparse Phenotyping in Genomic Selection: A Conceptual Overview. Frontiers in Plant Science, 2021, 12, 715910.	3.6	21
12	Locally epistatic models for genome-wide prediction and association by importance sampling. Genetics Selection Evolution, 2017, 49, 74.	3.0	18
13	Genotype by Environment Interaction Analysis of Agronomic Spring Barley Traits in Iceland Using AMMI, Factorial Regression Model and Linear Mixed Model. Agronomy, 2021, 11, 499.	3.0	18
14	High-density genetic mapping of a major QTL for resistance to multiple races of loose smut in a tetraploid wheat cross. PLoS ONE, 2018, 13, e0192261.	2.5	18
15	TrainSel: An R Package for Selection of Training Populations. Frontiers in Genetics, 2021, 12, 655287.	2.3	15
16	Genome-Wide Association Analysis Using R. Methods in Molecular Biology, 2017, 1536, 189-207.	0.9	14
17	Effects of Seeding Rate on Durum Crop Production and Physiological Responses. Agronomy Journal, 2017, 109, 1981-1990.	1.8	13
18	Genomic prediction and training set optimization in a structured Mediterranean oat population. Theoretical and Applied Genetics, 2021, 134, 3595-3609.	3.6	12

#	Article	IF	Citations
19	Genomeâ€wide association mapping of Fusarium langsethiae infection and mycotoxin accumulation in oat (Avena sativa L.). Plant Genome, 2020, 13, e20023.	2.8	11
20	Combining Partially Overlapping Multi-Omics Data in Databases Using Relationship Matrices. Frontiers in Plant Science, 2020, 11, 947.	3.6	10
21	Genomic Approaches for Climate Resilience Breeding in Oats. , 2020, , 133-169.		9
22	Assessment of genomic prediction reliability and optimization of experimental designs in multi-environment trials. Theoretical and Applied Genetics, 2022, 135, 405-419.	3.6	6
23	Brassinosteroid leaf unrolling QTL mapping in durum wheat. Planta, 2012, 236, 273-281.	3.2	5
24	Chromatographic Methods to Evaluate Nutritional Quality in Oat. Methods in Molecular Biology, 2017, 1536, 115-125.	0.9	3